

# LOTUS Versus Fluorescent



LOTUS LED Line Light offers many advantages over standard high output linear fluorescent lighting:

- **Lifetime:** Up to 7 X Longer lifetime
- **Intensity:** Up to 5 X intensity of standard high output linear fluorescent lighting
- **Maintenance:** Maintenance free operation
- **Colour temperature:** Stable over lifetime
- **Uniformity:** Excellent
- **Ballast:** No ballast required
- **Control:** Integrated intensity and on/off control - no controller required.
- **Optical Options:** Available in a range of optical configurations
- **Length:** Available in any length up to 5 metres (to the nearest 100mm)



LOTUS provides a 7 X longer lifetime than standard high output fluorescent without the need for costly re-lamping.

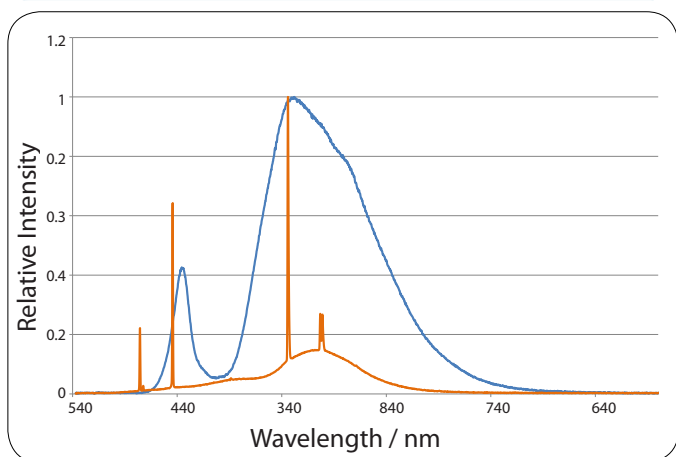
With up to 5 X greater intensity it also provides the potential to significantly improve your throughput.

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LOTUS is available in a range of optical configurations to suit your application requirements: F1, B1, L1 and D1.

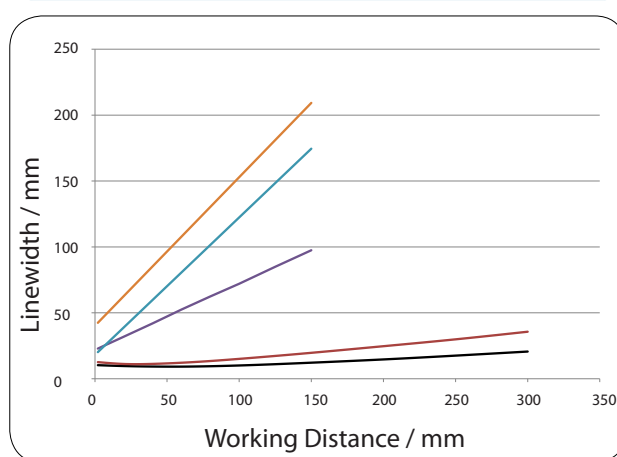
Optical Configuration		Application
F1	30° x 4° diffuser	Frontlight
B1	60° diffuser	Backlight
L1	Collimating lens	Higher intensity/ Longer working distances
D1	Collimating lens + F1 Diffuser	

## Spectral Comparison



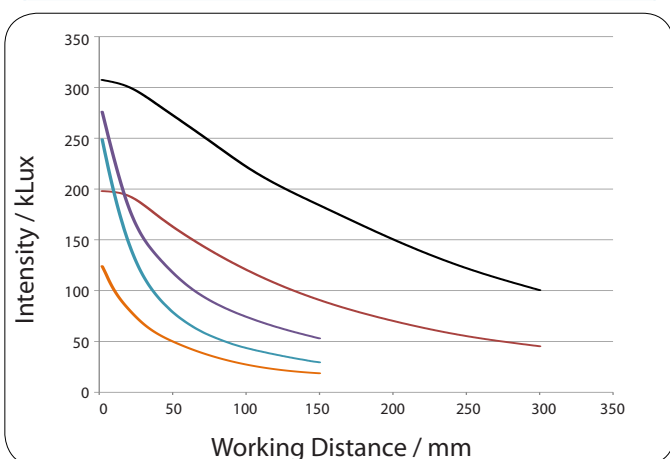
— LOTUS  
— Fluorescent Linelight

## Beam Width Versus Working Distance

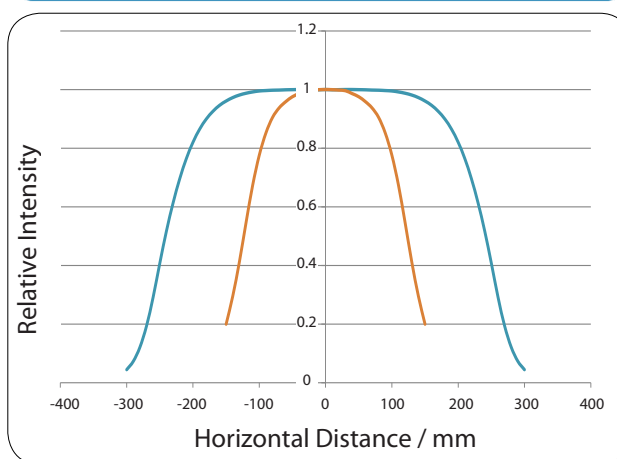


— LOTUS: L1  
— LOTUS: D1  
— LOTUS: F1  
— LOTUS: B1  
— Fluorescent Linelight

## Intensity Versus Working Distance



## Uniformity



Note: 500mm LOTUS unit versus 260mm fluorescent line light